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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No.	Bolland 11-28 (13436.285)
First Inventor	Richard Robert Boland
Title	Message Waiting Indication Operable to Overcome a Border Condition Between Mobile Switching Centers
Express Mail Label No.	EV 389082718 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 17]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
5. Oath or Declaration [Total Sheets 5]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ Paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP)

of prior application No: 10 / 610,174Prior application information: Examiner UnknownArt Unit: UNKNOWN

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number

24283

OR ☐ Correspondence address below

Name James M. Graziano

Address

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State

Zip Code

Country

Telephone

Fax

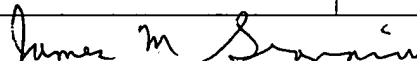
Name (Print/Type)

James M. Graziano

Registration No. (Attorney/Agent)

28,300

Signature



Date

11-20-2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



11/20/03

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2004</h2> <p style="font-size: small; margin: 5px 0;">Effective 10/01/2003. Patent fees are subject to annual revision.</p>		<p><b>Complete if Known</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Application Number</td><td>Not Yet Accorded</td></tr> <tr><td>Filing Date</td><td>Not Yet Accorded</td></tr> <tr><td>First Named Inventor</td><td>Richard Robert Boland</td></tr> <tr><td>Examiner Name</td><td>Not Yet Accorded</td></tr> <tr><td>Art Unit</td><td>Not Yet Accorded</td></tr> <tr><td>Attorney Docket No.</td><td>Boland 11-28 (13436.285)</td></tr> </table>		Application Number	Not Yet Accorded	Filing Date	Not Yet Accorded	First Named Inventor	Richard Robert Boland	Examiner Name	Not Yet Accorded	Art Unit	Not Yet Accorded	Attorney Docket No.	Boland 11-28 (13436.285)
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TOTAL AMOUNT OF PAYMENT	(\$)	770													

<p><b>METHOD OF PAYMENT (check all that apply)</b></p> <p> <input type="checkbox"/> Check    <input type="checkbox"/> Credit card    <input type="checkbox"/> Money    <input type="checkbox"/> Other    <input type="checkbox"/> None Order             </p> <p><input checked="" type="checkbox"/> Deposit Account:</p> <div style="margin-top: 10px;">                 Deposit Account Number: <span style="border: 1px solid black; padding: 2px 20px;">50-1848</span> </div> <div style="margin-top: 10px;">                 Deposit Account Name: <span style="border: 1px solid black; padding: 2px 20px;">Patton Boggs LLP770</span> </div> <p><b>The Director is authorized to: (check all that apply)</b></p> <p> <input checked="" type="checkbox"/> Charge fee(s) indicated below    <input checked="" type="checkbox"/> Credit any overpayments  <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application  <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.             </p> <p style="text-align: center;"><b>FEE CALCULATION</b></p> <p><b>1. 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EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b></p> <table style="width: 100%;"> <tr> <td>Total Claims</td> <td><span style="border: 1px solid black; padding: 2px 10px;">12</span></td> <td>-20 **</td> <td>=</td> <td><span style="border: 1px solid black; padding: 2px 10px;">0</span></td> <td>X</td> <td><span style="border: 1px solid black; padding: 2px 10px;">0</span></td> <td>=</td> <td><span style="border: 1px solid black; padding: 2px 10px;">0</span></td> </tr> <tr> <td>Independent Claims</td> <td><span style="border: 1px solid black; padding: 2px 10px;">1</span></td> <td>-3 **</td> <td>=</td> <td><span style="border: 1px solid black; padding: 2px 10px;">0</span></td> <td>X</td> <td><span style="border: 1px solid black; padding: 2px 10px;">0</span></td> <td>=</td> <td><span style="border: 1px solid black; padding: 2px 10px;">0</span></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td><span style="border: 1px solid black; padding: 2px 10px;"></span></td> <td>=</td> <td><span style="border: 1px solid black; padding: 2px 10px;">0</span></td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td></td> <td><b>(\$ 0)</b></td> </tr> </tbody> </table> <p style="font-size: x-small;">**or number previously paid, if greater; For Reissues, see above</p>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	770	2001	385	Utility filing fee	770	1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	160	2005	80	Provisional filing fee		<b>SUBTOTAL (1)</b>					<b>(\$ 770)</b>	Total Claims	<span style="border: 1px solid black; padding: 2px 10px;">12</span>	-20 **	=	<span style="border: 1px solid black; padding: 2px 10px;">0</span>	X	<span style="border: 1px solid black; padding: 2px 10px;">0</span>	=	<span style="border: 1px solid black; padding: 2px 10px;">0</span>	Independent Claims	<span style="border: 1px solid black; padding: 2px 10px;">1</span>	-3 **	=	<span style="border: 1px solid black; padding: 2px 10px;">0</span>	X	<span style="border: 1px solid black; padding: 2px 10px;">0</span>	=	<span style="border: 1px solid black; padding: 2px 10px;">0</span>	Multiple Dependent					X	<span style="border: 1px solid black; padding: 2px 10px;"></span>	=	<span style="border: 1px solid black; padding: 2px 10px;">0</span>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	18	2202	9	Claims in excess of 20		1201	86	2201	43	Independent claims in excess of 3		1203	290	2203	145	Multiple dependent claim, if not paid		1204	86	2204	43	** Reissue independent claims over original patent		1205	18	2205	9	** Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b>					<b>(\$ 0)</b>	<p><b>3. 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unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17 (q)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (3)</b></td> <td></td> <td><b>(\$ 0)</b></td> </tr> </tbody> </table> <p style="font-size: x-small;">*Reduced by Basic Filing Fee Paid</p>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	420	2252	210	Extension for reply within second month		1253	950	2253	475	Extension for reply within third month		1254	1,480	2254	740	Extension for reply within fourth month		1255	2,010	2255	1,005	Extension for reply within fifth month		1401	330	2401	165	Notice of Appeal		1402	330	2402	165	Filing a brief in support of an appeal		1403	290	2403	145	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,330	2453	665	Petition to revive - unintentional		1501	1,330	2501	665	Utility issue fee (or reissue)		1502	480	2502	240	Design issue fee		1503	640	2503	320	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))		1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))		1801	770	2801	385	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify) _____						<b>SUBTOTAL (3)</b>					<b>(\$ 0)</b>
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1812	2,520	1812	2,520	For filing a request for reexamination																																																																																																																																																																																																																																																																																																																		
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																																																																																		
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																																																																		
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																																																																																																																																																		
1252	420	2252	210	Extension for reply within second month																																																																																																																																																																																																																																																																																																																		
1253	950	2253	475	Extension for reply within third month																																																																																																																																																																																																																																																																																																																		
1254	1,480	2254	740	Extension for reply within fourth month																																																																																																																																																																																																																																																																																																																		
1255	2,010	2255	1,005	Extension for reply within fifth month																																																																																																																																																																																																																																																																																																																		
1401	330	2401	165	Notice of Appeal																																																																																																																																																																																																																																																																																																																		
1402	330	2402	165	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																																																																		
1403	290	2403	145	Request for oral hearing																																																																																																																																																																																																																																																																																																																		
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																																																																		
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																																																																		
1453	1,330	2453	665	Petition to revive - unintentional																																																																																																																																																																																																																																																																																																																		
1501	1,330	2501	665	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																																																																		
1502	480	2502	240	Design issue fee																																																																																																																																																																																																																																																																																																																		
1503	640	2503	320	Plant issue fee																																																																																																																																																																																																																																																																																																																		
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																																																		
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)																																																																																																																																																																																																																																																																																																																		
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																																																																		
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																																																																		
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																																																																																																																																		
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																																																																																																																																		
1801	770	2801	385	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																																																																		
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																																																																		
Other fee (specify) _____																																																																																																																																																																																																																																																																																																																						
<b>SUBTOTAL (3)</b>					<b>(\$ 0)</b>																																																																																																																																																																																																																																																																																																																	

<b>SUBMITTED BY</b>			<b>Complete (if applicable)</b>		
Name (Print/Type)	James M. Graziano	Registration No. (Attorney/Agent)	28,300	Telephone	303-894-6113
Signature				Date	20 Nov 2003

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Boland, *et al.*

Application No.: Not Yet Accorded

Group No.: Not Yet Accorded

Filed: Not Yet Accorded

Examiner: Not Yet Accorded

For: **Message Waiting Indication Operable to Overcome a Border Condition  
Between Mobile Switching Centers**

**Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**CERTIFICATE OF EXPRESS MAILING**

"Express Mail" label number EV 389082718 US

Date of Deposit: 11-20-2003

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1. Utility Patent Application Transmittal;
2. Fee Transmittal Sheet (in duplicate);
3. Signed Combined Declaration and Power of Attorney (5 pages);
4. Recordation Form Cover Sheet (in duplicate);
5. Assignment and Agreement ( 3 pages);
6. Patent Application (17 pages including specification, claims and abstract);
7. Drawings (5 Sheets figures 1-7); and
8. Postcard for return by the United States Patent and Trademark Office

are all being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 C.F.R. section 1.10, on the date indicated above addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
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Sharyn I. Hathaway  
Printed Name of person mailing documents